

Film booking Application

Please write an application to book Film Tickets using Erlang

Requirements

*) Cowboy, mnesia, gen_smtp

*) Tables - booking, films, users, etc.

There will be 2 types of users -> 1) Admin 2) Users

Expose the login API that sends an email, and password, if details are correct send the user UUID in the response.

(UI developer should send the login user's UUID in every API (except login API) in the header of the request, and add some dummy users data in the users' table).

Users table should contain a name, email, address, role (admin, user), phone, and password, email should be the username of the user.

First, the Admin needs to enter the film information like film name, film time, seat category, price, available seats, theater name, date, etc.

Only users with the admin privilege can add the film details) and update the film details. when a user tries to book a ticket (** this should be API), the system needs to show all available films on that particular day, if available show that information.

when a person tries to book the ticket (** this should be API) they have to enter film_uuid, his name, address, email, number of tickets, etc. if a seat is available then save the information and generate an id and send a confirmation mail to that user.

please give a reminder mail 30 min before the film starts.

A person can cancel the ticket 30 min before the film starts. They can cancel a number of entire tickets or a few of the tickets. When he cancels the ticket, send the cancellation mail and send refund amount info. Expose an API to get all the ticket confirmation information on a particular date in a CSV file format.

Expose an API to view films on a particular Day, Particular film, Particular seat category, etc.

Confirmation mail template

Hi, {{name}},

Your order is confirmed.

Film name : {{Filmname}}

Date : {{date}}

Amount : {{total amount}}

Cancellation Mail template

Hi {{name}},

Your tickets were canceled successfully.

Refund amount : {{Refund amount}}

Reminder mail template

Hi, {{name}},

Your movie {{move name}} will start in 30 minutes. Enjoy !!!

Refer : smtp plugin : https://github.com/gen-smtp/gen_smtp.git, ;{tag, "0.14.0"}}

erlang:system_time(second)

```
Activities Terminal Jul 29 10:05 AM
vinu@vinu-pc: ~/Downloads
hoosva@us7-dev: ~
calllogsFri_Nov_06_2020.csv
Date/Time,From,To,Duration(MIN),Hangup Cause
"2020-11-06 11:17:30","973991500066.6.134.27","19734249500066.6.134.40","0",undefined
"2020-11-06 11:17:08","862234142805cc18d.us2.volfinity.com","100605cc18d.us2.volfinity.com","0",undefined
"2020-11-06 10:54:10","2018522702066.6.134.27","19734249500066.6.134.40","173",undefined
"2020-11-06 10:53:44","100805cc18d.us2.volfinity.com","918105cc18d.us2.volfinity.com","1",undefined
"2020-11-06 10:53:10","2018522702074.105.59.184","19734249500066.6.134.40","42",undefined
"2020-11-06 10:43:08","9736214464074.105.59.184","19734249500066.6.134.40","117",undefined
"2020-11-06 10:16:48","9733324923074.105.59.184","19734249500066.6.134.40","139",undefined
"2020-11-06 10:15:50","9732971910066.6.134.27","19734249500066.6.134.40","39",undefined
"2020-11-06 10:07:04","9732971910066.6.134.27","19734249500066.6.134.40","108",undefined
"2020-11-06 10:04:17","2018440659074.105.59.184","19734249500066.6.134.40","163",undefined
"2020-11-06 09:54:30","9734244264066.6.134.27","19734249500066.6.134.40","79",undefined
"2020-11-06 09:50:25","9736214420074.105.59.184","19734249500066.6.134.40","461",undefined
"2020-11-06 09:33:31","8623271900066.6.134.27","19734249500066.6.134.40","299",undefined
"2020-11-06 09:29:29","9735735039066.6.134.27","19734249500066.6.134.40","119",undefined
"2020-11-06 09:22:53","2008060707074.105.59.184","1973902223066.6.134.40","11",undefined
"2020-11-06 09:20:09","2018440659066.6.134.27","19734249500066.6.134.40","249",undefined
"2020-11-06 09:11:35","2017790607066.6.134.27","19734249500066.6.134.40","41",undefined
"2020-11-06 09:10:04","9733368018074.105.59.184","19734249500066.6.134.40","220",undefined
"2020-11-06 09:06:08","9735133304074.105.59.184","19734249500066.6.134.40","40",undefined
"2020-11-06 09:05:07","9739518373066.6.134.27","19734249500066.6.134.40","64",undefined
"2020-11-06 09:02:12","9733535232066.6.134.27","19734249500066.6.134.40","33",undefined
"2020-11-06 08:51:18","9737336932074.105.59.184","19734249500066.6.134.40","319",undefined
"2020-11-06 08:46:12","9736214420074.105.59.184","19734249500066.6.134.40","121",undefined
"2020-11-06 08:43:31","9735895000066.6.134.27","19734249500066.6.134.40","99",undefined
"2020-11-06 08:42:02","9736215062066.6.134.27","19734249500066.6.134.40","163",undefined
"2020-11-06 08:37:22","9739518373074.105.59.184","19734249500066.6.134.40","90",undefined
"2020-11-06 08:36:50","9736212009074.105.59.184","19734249500066.6.134.40","183",undefined
"2020-11-06 08:36:18","9739518373066.6.134.27","19734249500066.6.134.40","0",undefined
"2020-11-06 08:32:50","9733535232066.6.134.27","19734249500066.6.134.40","53",undefined
"2020-11-06 08:29:30","100805cc18d.us2.volfinity.com","918105cc18d.us2.volfinity.com","15",undefined
"2020-11-06 08:12:10","97373337100066.6.134.27","19734249500066.6.134.40","128",undefined
"2020-11-06 08:03:31","9733369650066.6.134.27","19734249500066.6.134.40","19",undefined
"2020-11-06 07:52:40","9733369650066.6.134.27","19734249500066.6.134.40","306",undefined
"2020-11-06 07:44:50","8622151400074.105.59.184","19734249500066.6.134.40","75",undefined
"2020-11-06 07:40:05","2018526038074.105.59.184","19734249500066.6.134.40","67",undefined
"2020-11-06 07:35:15","9082209877074.105.59.184","19734249500066.6.134.40","271",undefined
"2020-11-06 07:22:53","9733307648066.6.134.27","19734249500066.6.134.40","290",undefined
"2020-11-06 06:14:35","2014700301074.105.59.184","19734249500066.6.134.40","71",undefined

NORMAL calllogsFri_Nov_06_2020.csv utf-8[BOH][dos] 10% 4/39 ln : 87
```